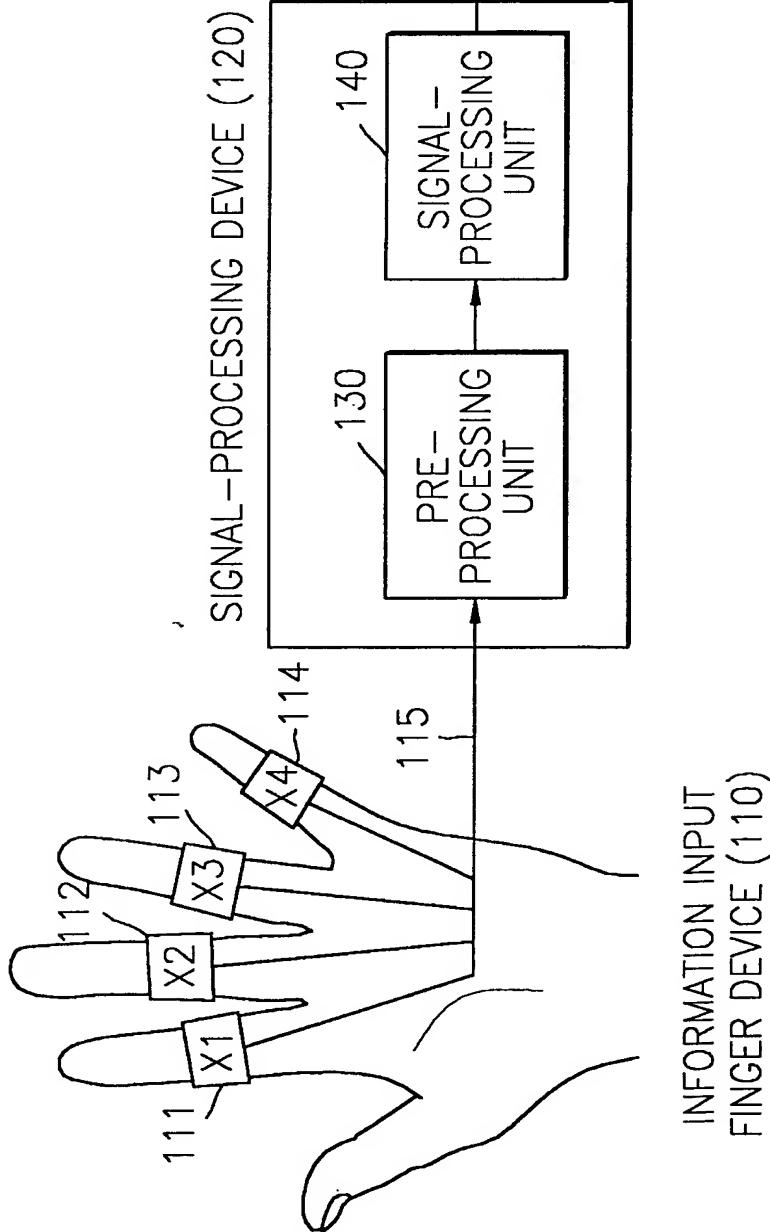


FIG. 1A

100



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BEST AVAILABLE COPY

FIG. 1B

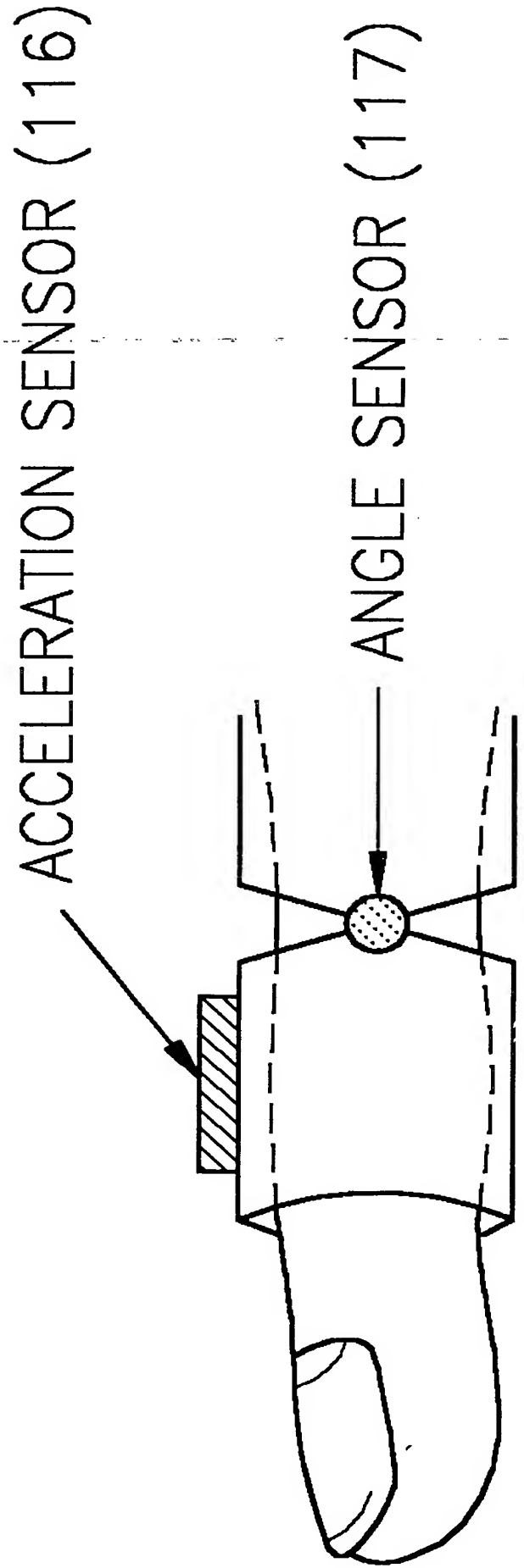


FIG. 2

200

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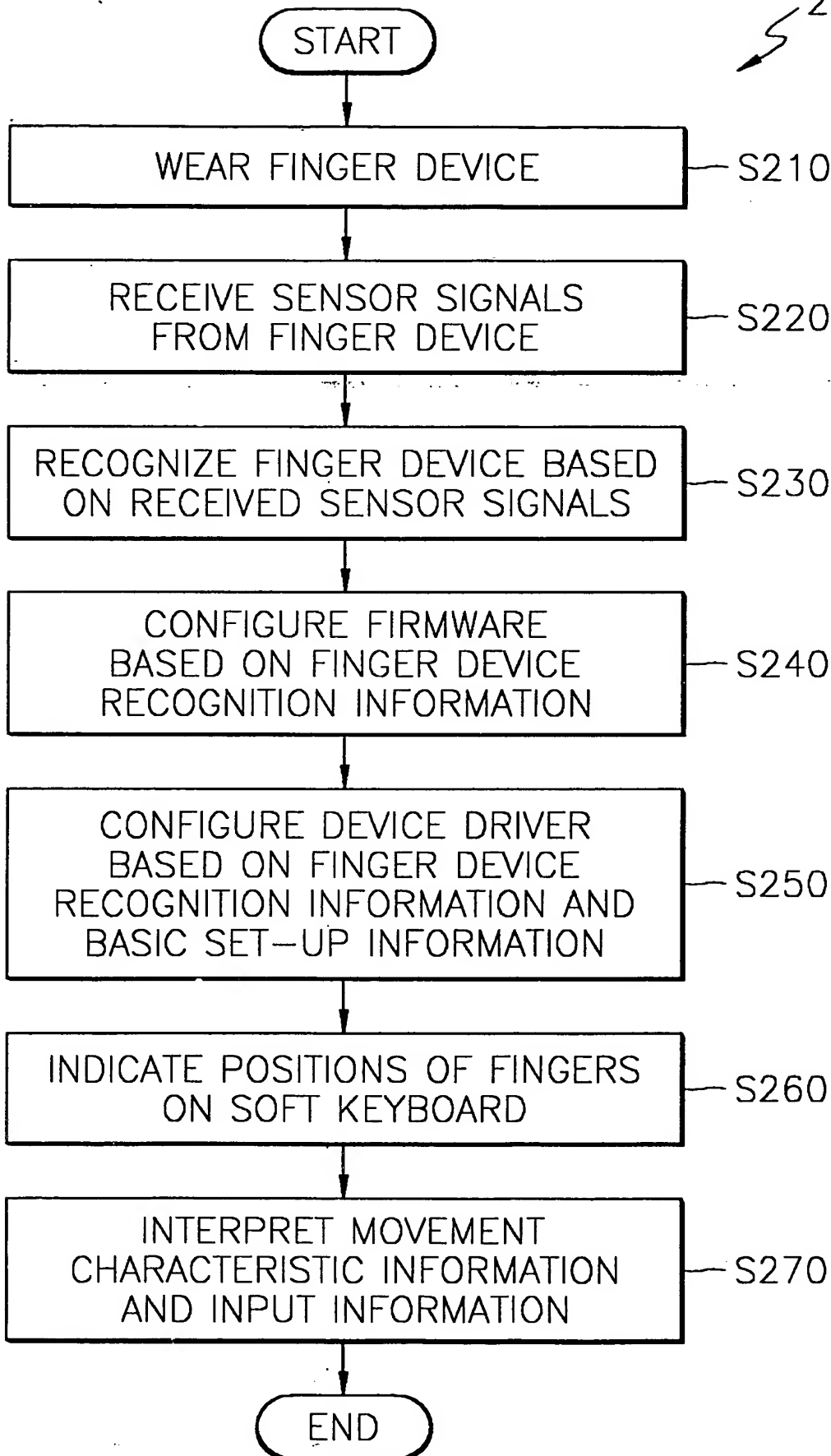
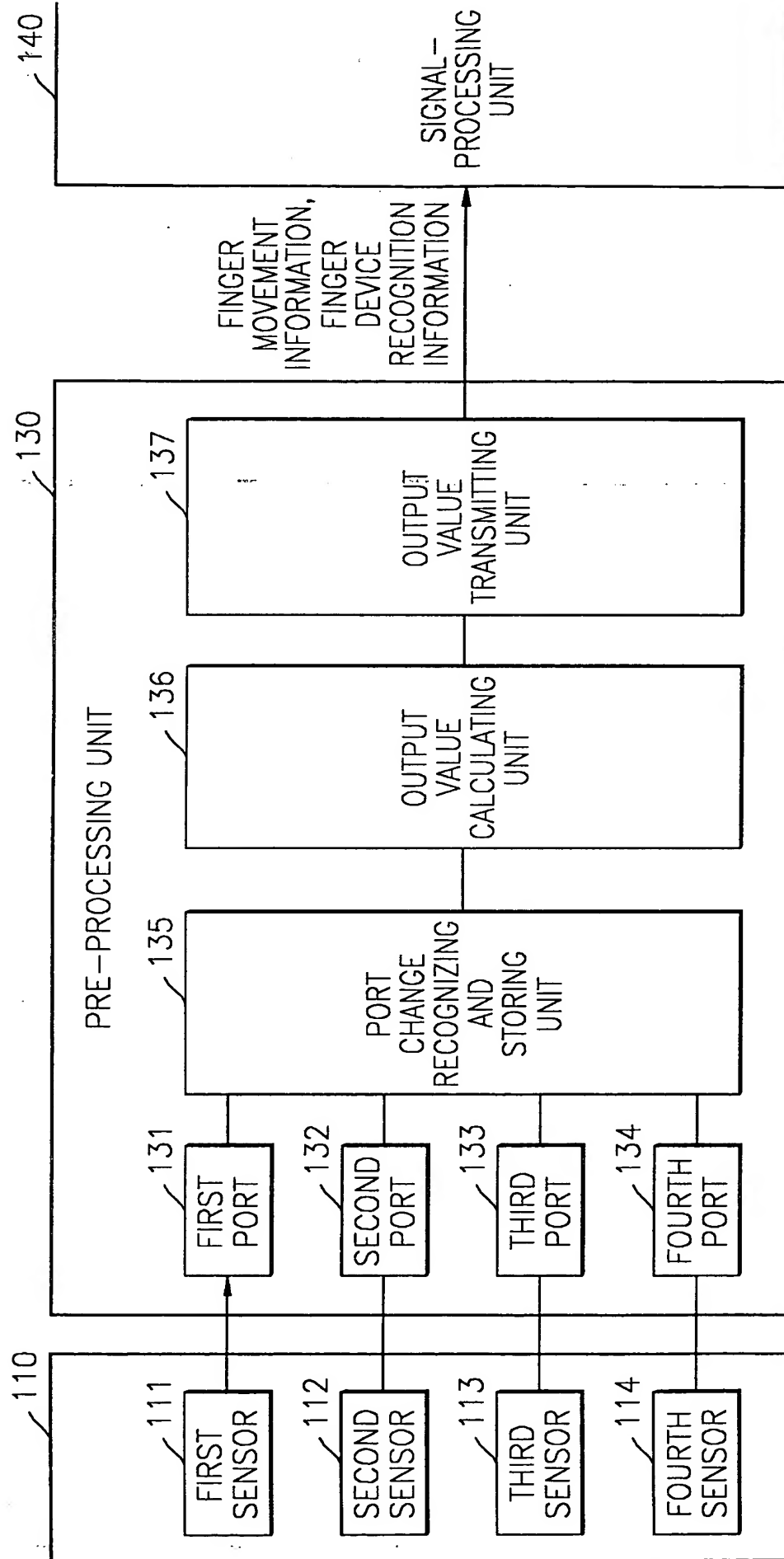


FIG. 3A



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# FIG. 3B

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300

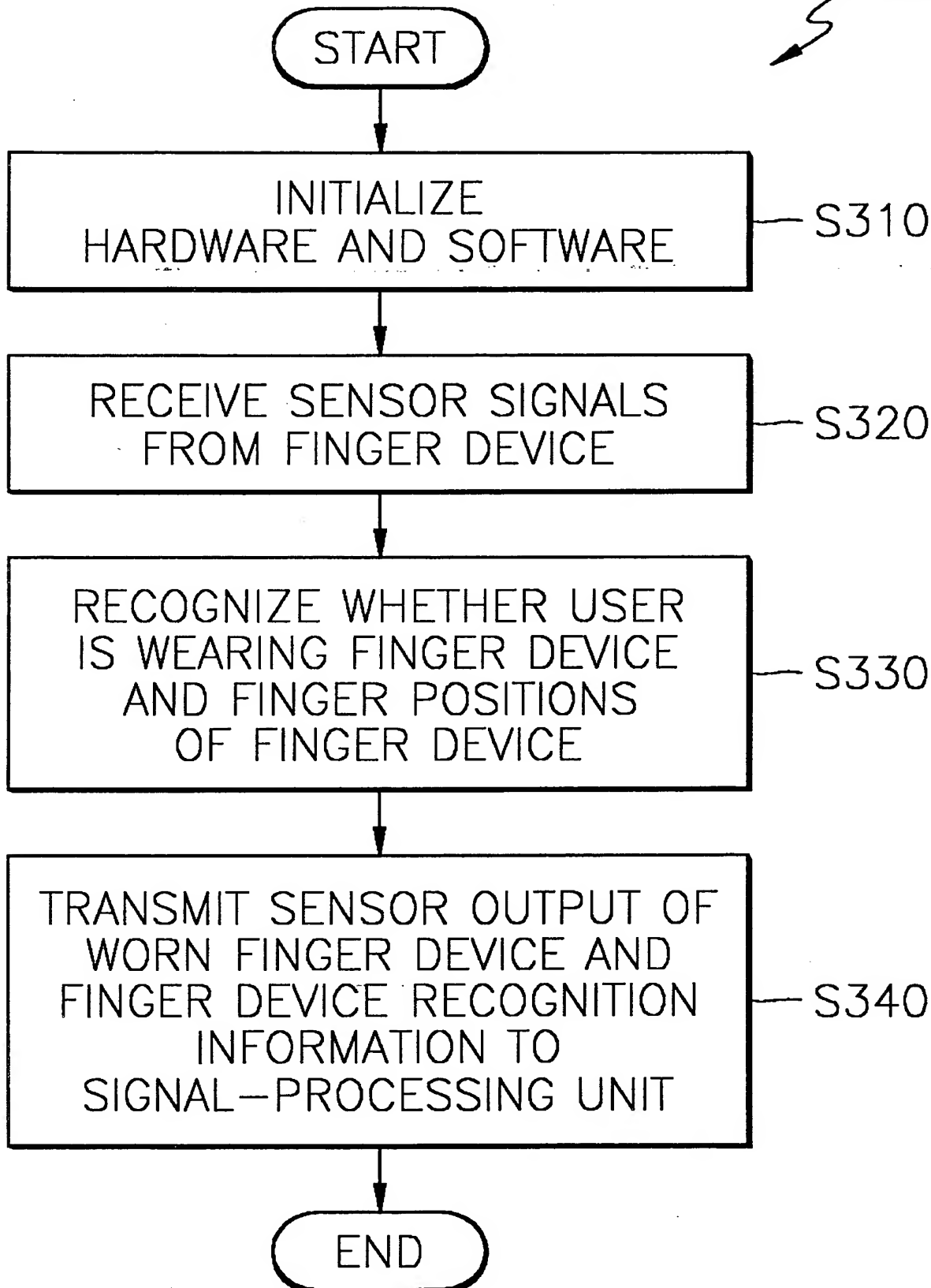
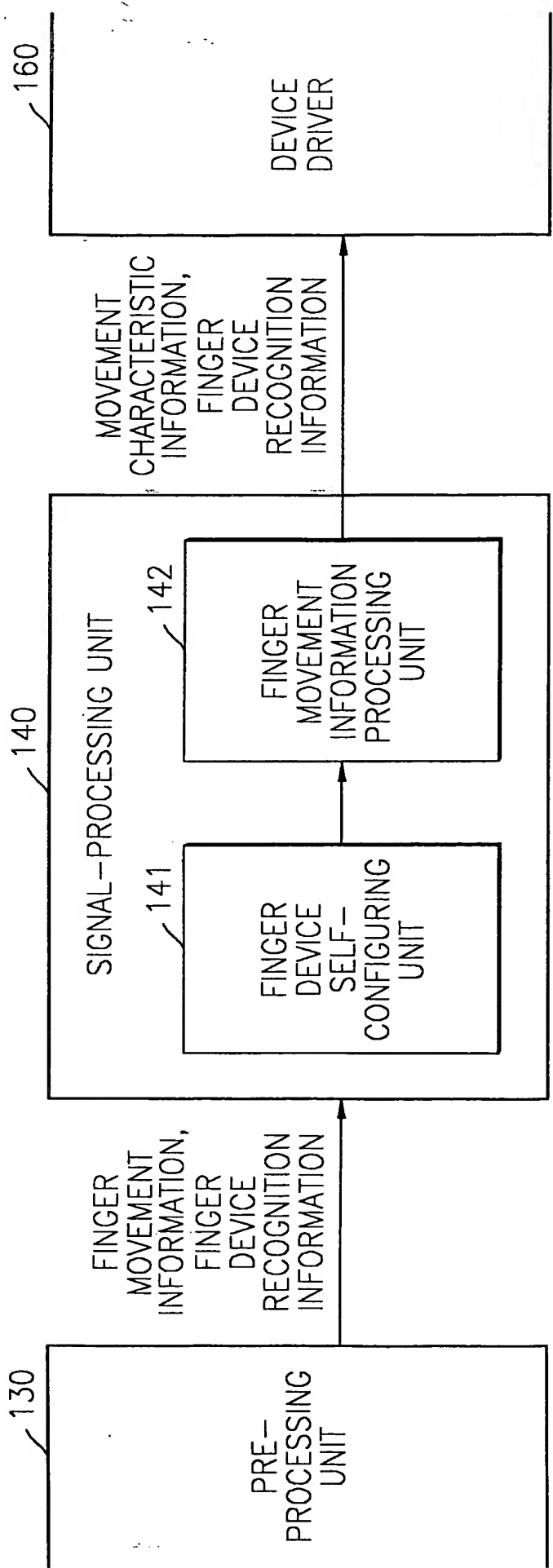


FIG. 4A



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FIG. 4B

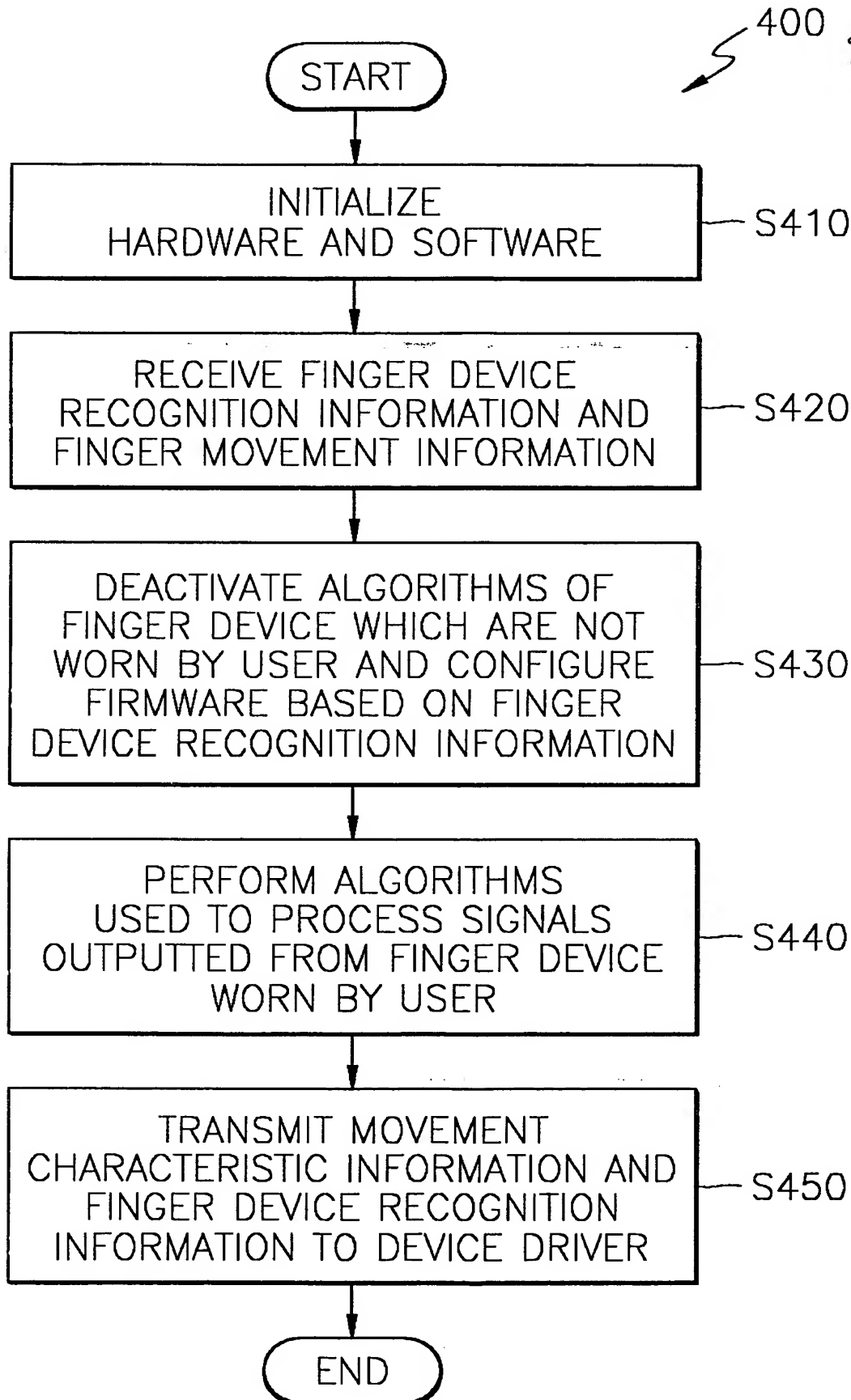
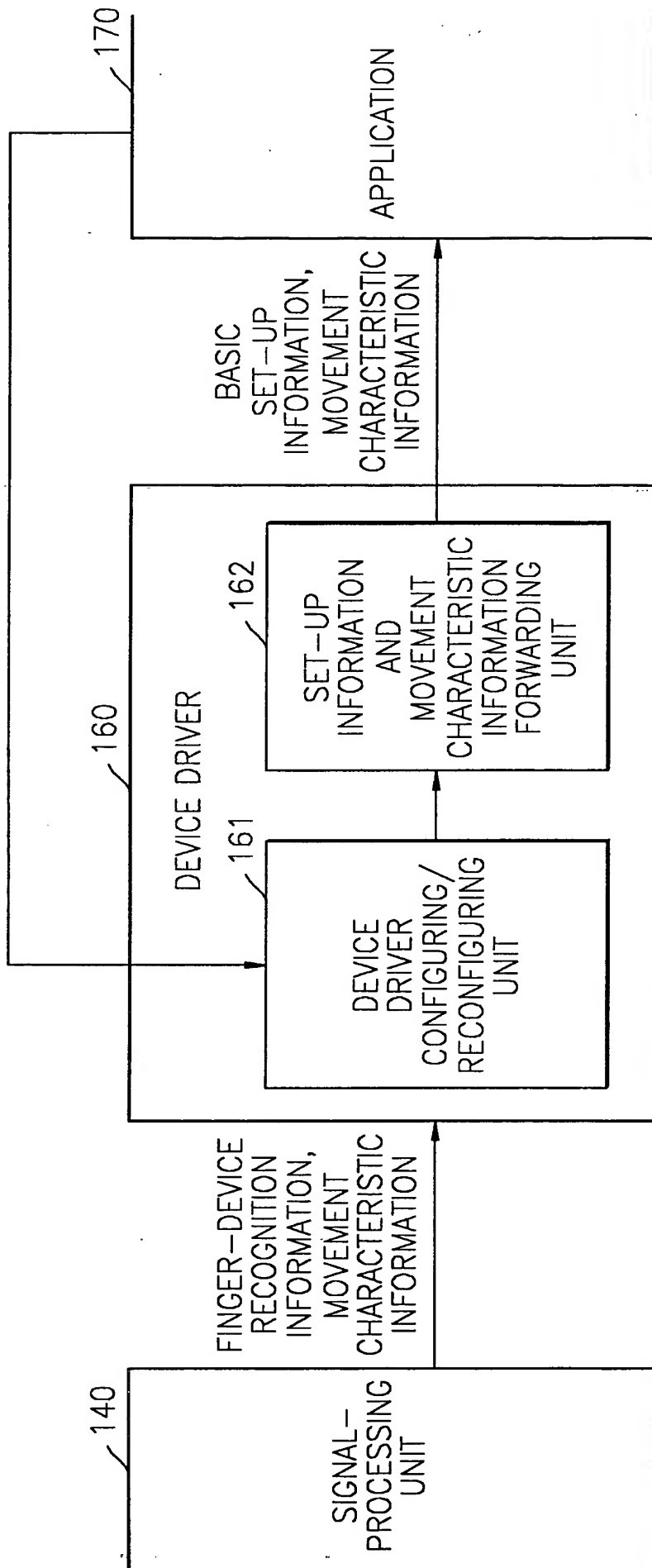


FIG. 5A



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# FIG. 5B

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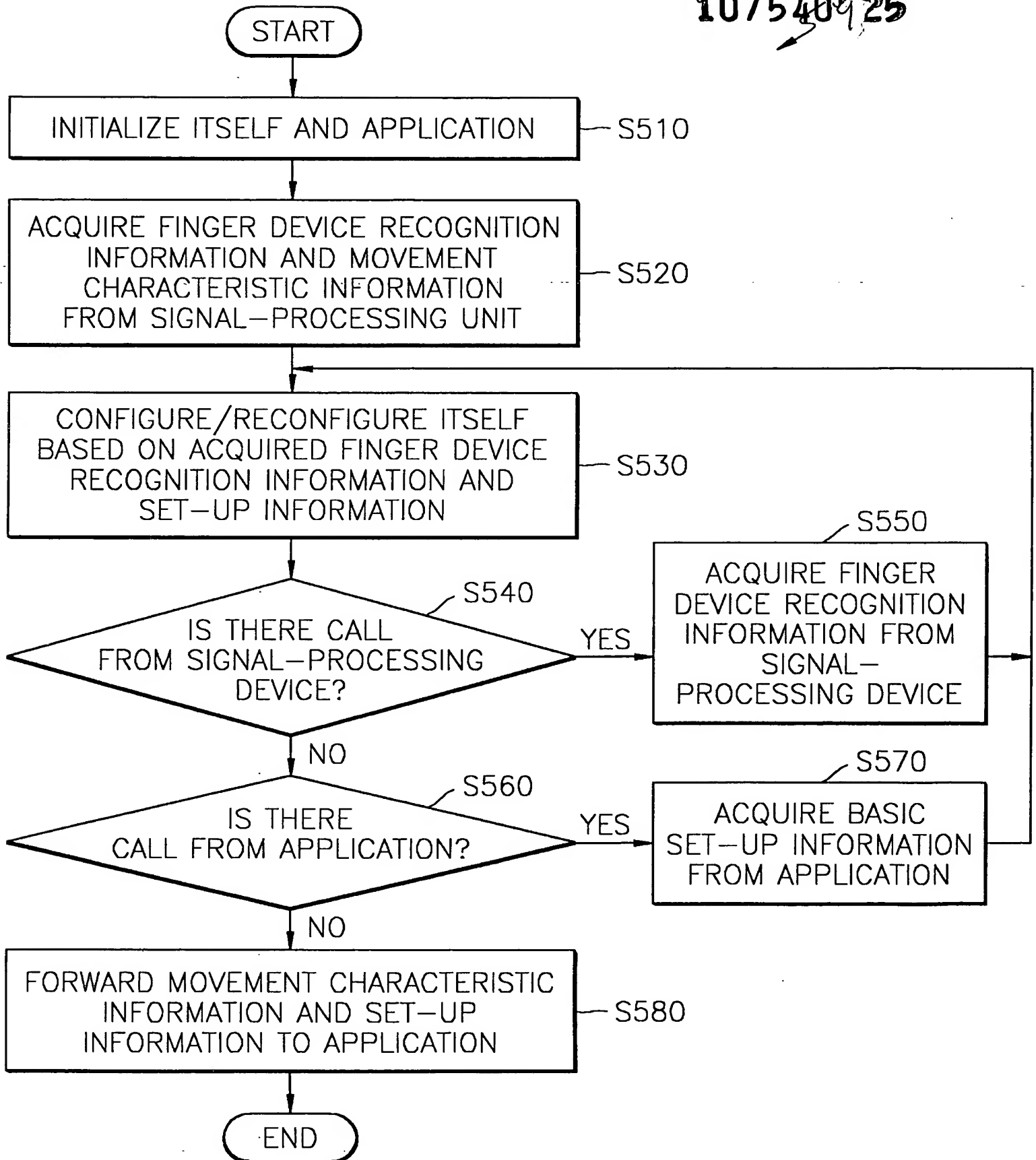
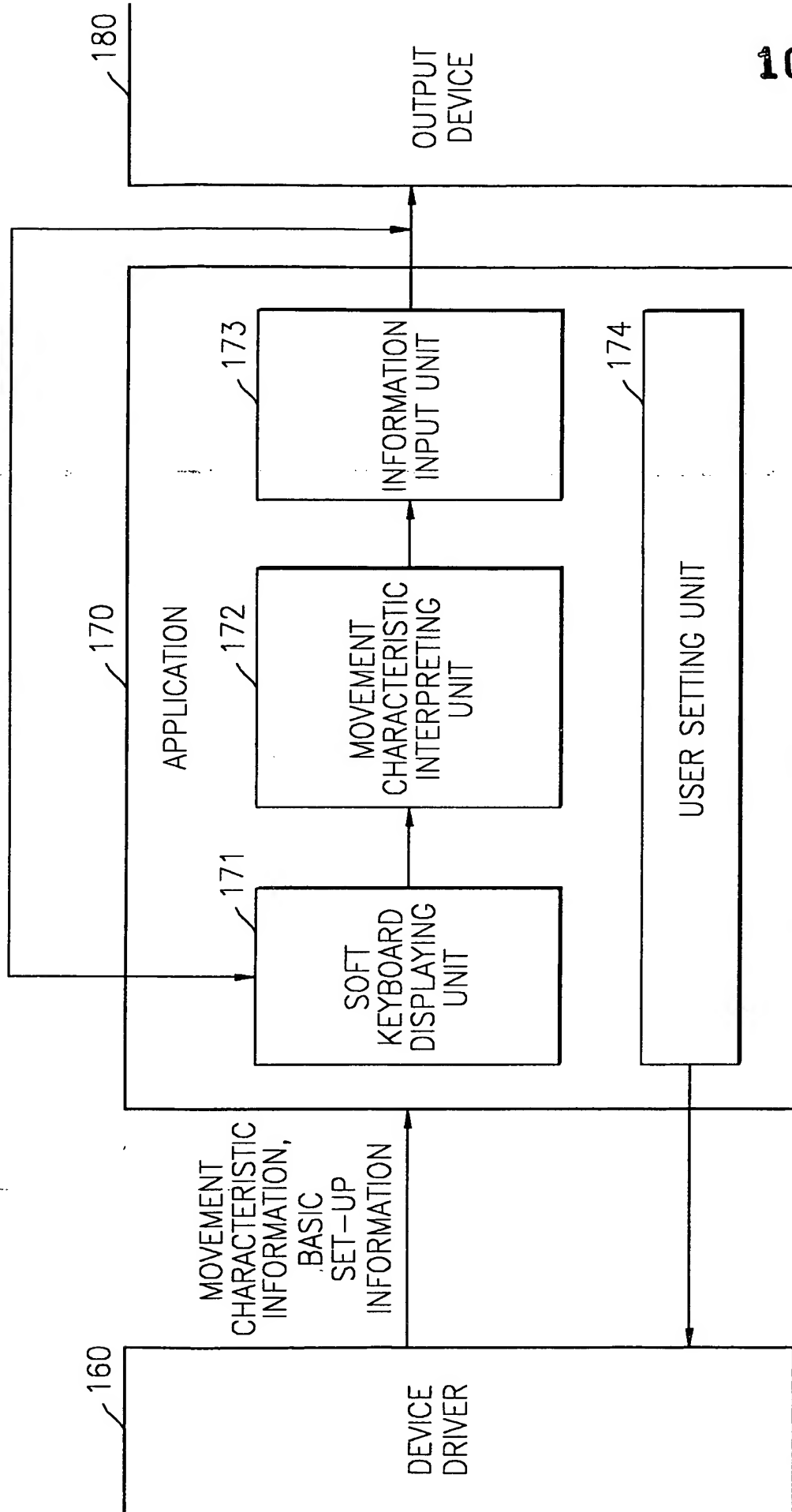


FIG. 6A



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# FIG. 6B

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600

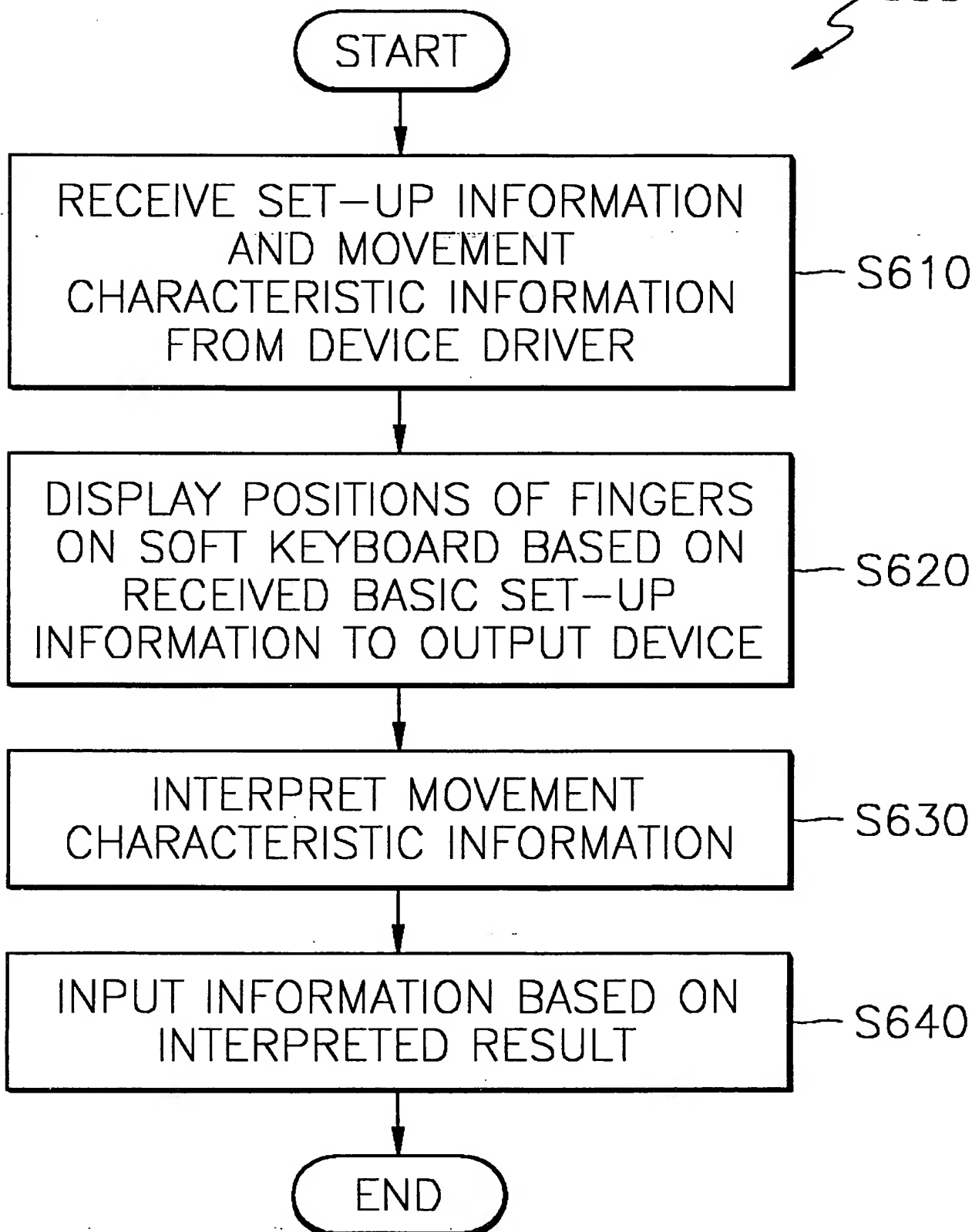
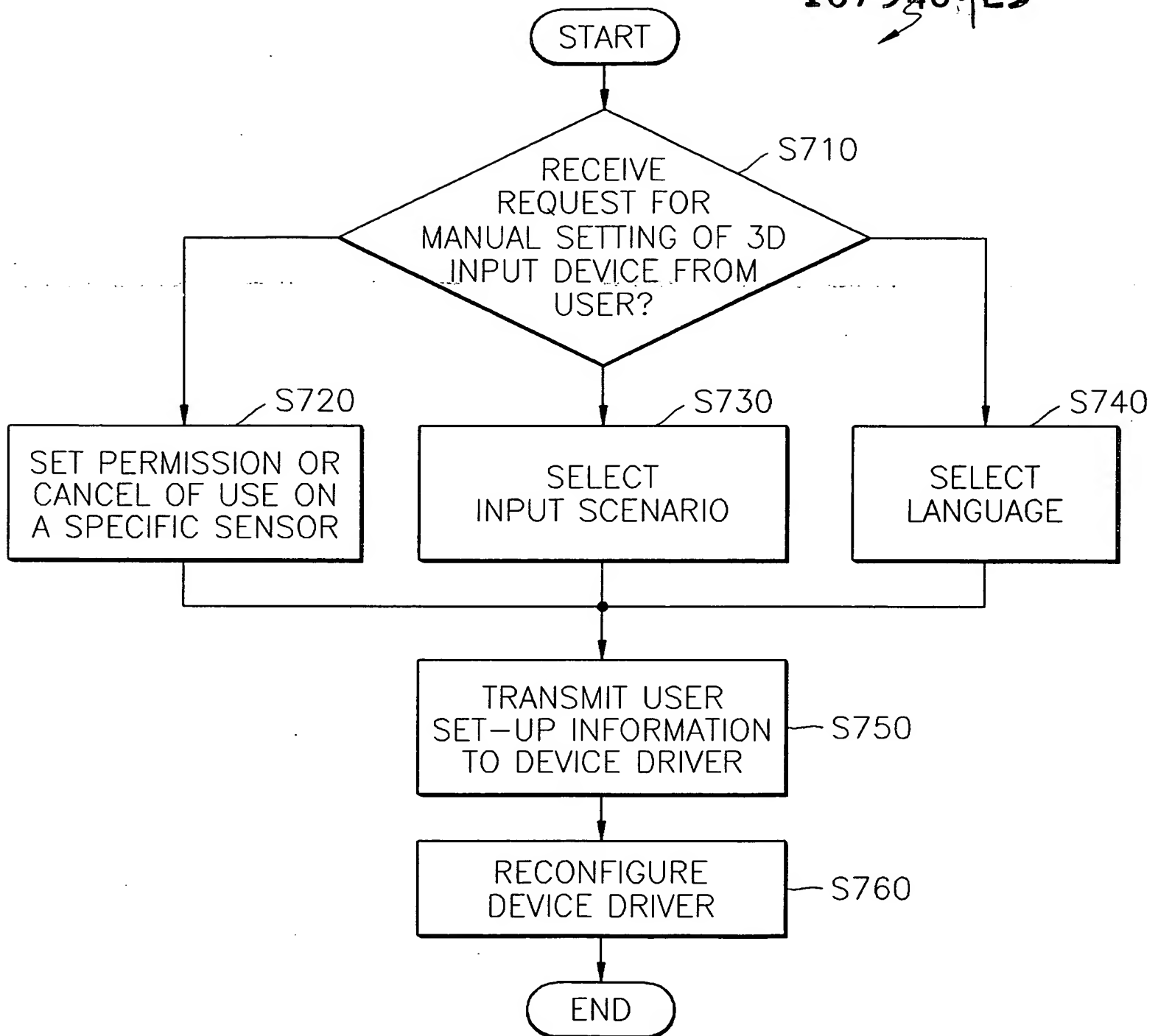


FIG. 7

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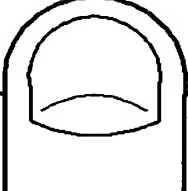
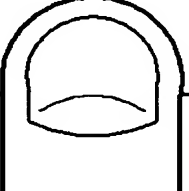
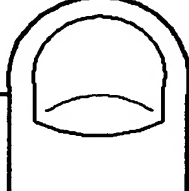


# FIG. 8

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800

SOFT KEYBOARD			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a-b-c 	d-e-f 	g-h-i 			
j-k-l		m-n-o			
p-q-r	s-t-u-v	w-x-y-z			
Caps	Enter	123			

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CONTROL BOARD

☐ ☐ ☒

910

3D KEYBOARD REGISTRATION INFORMATION

☐ ☐ ☒

KEYBOARD TYPE

920

- ☒ KEYBOARD FOR RIGHT HAND
- ☐ KEYBOARD FOR LEFT HAND
- ☐ KEYBOARD FOR BOTH HANDS

KEY ARRANGEMENT

930

- ☐ ABC TEXT TYPE
- ☒ QWERTY HAND TYPE
- ☐ CELLULARPHONE TYPE

SELECTION OF FINGERS

940

- ☐ ONE-FINGER
- ☐ TWO-FINGERS
- ☐ THREE-FINGERS
- ☒ FOUR-FINGERS

LANGUAGE

950

- ☐ ENGLISH
- ☒ KOREAN

960

CONFIRM

970

CANCEL

980

APPLY

FIG. 10

1000 10/540925

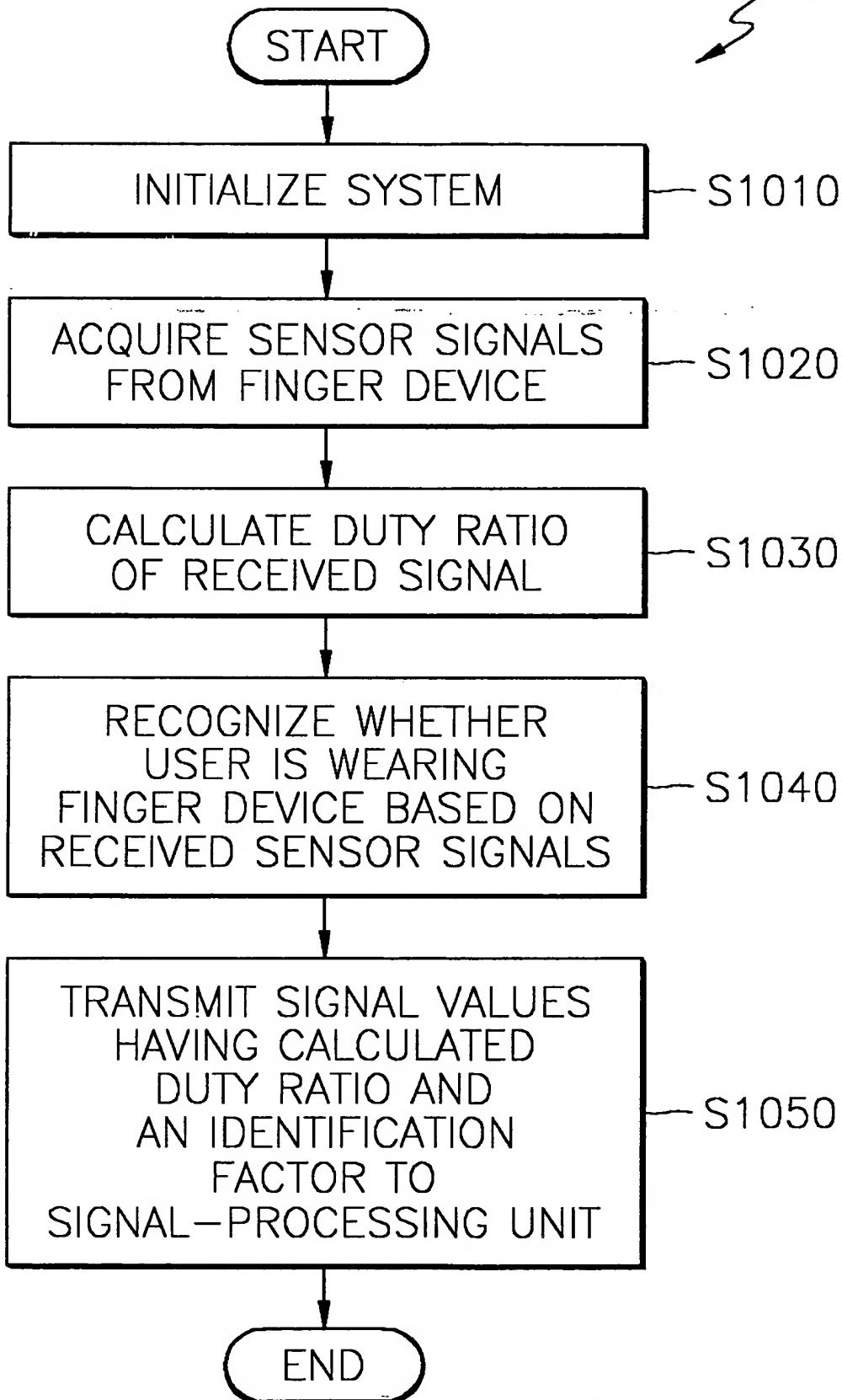


FIG. 11

10/510025

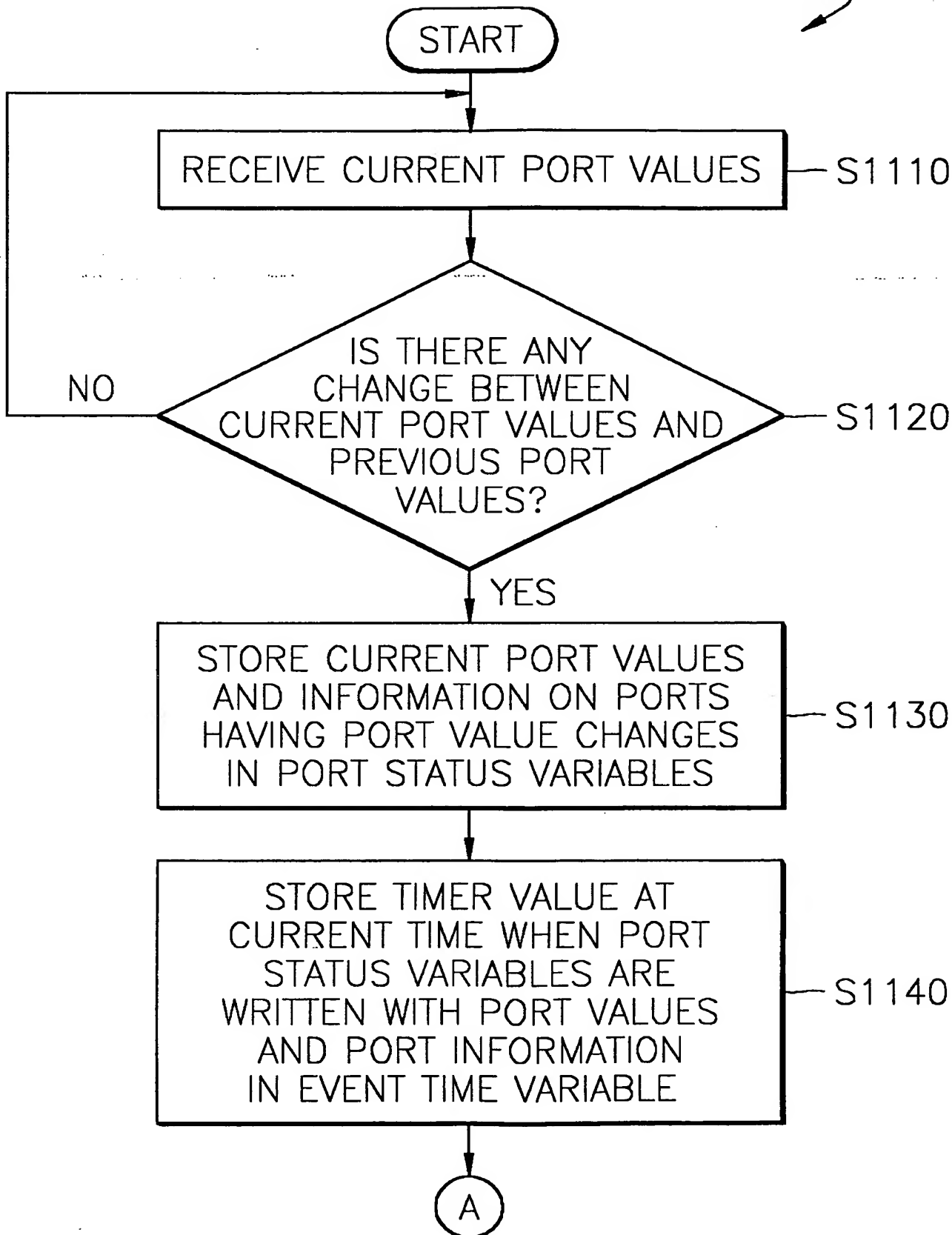




FIG. 12

10/540,125

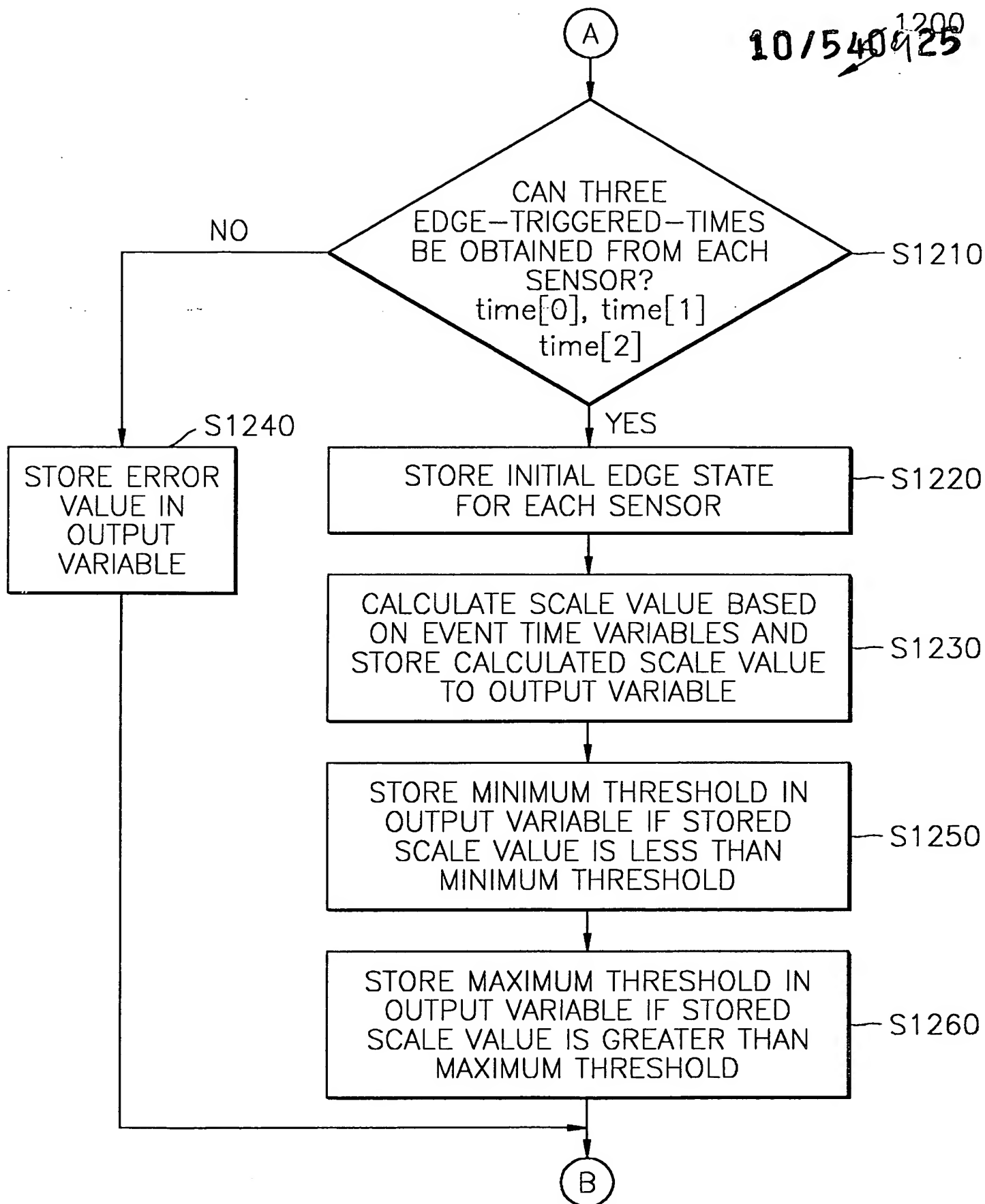


FIG. 13

10/540925

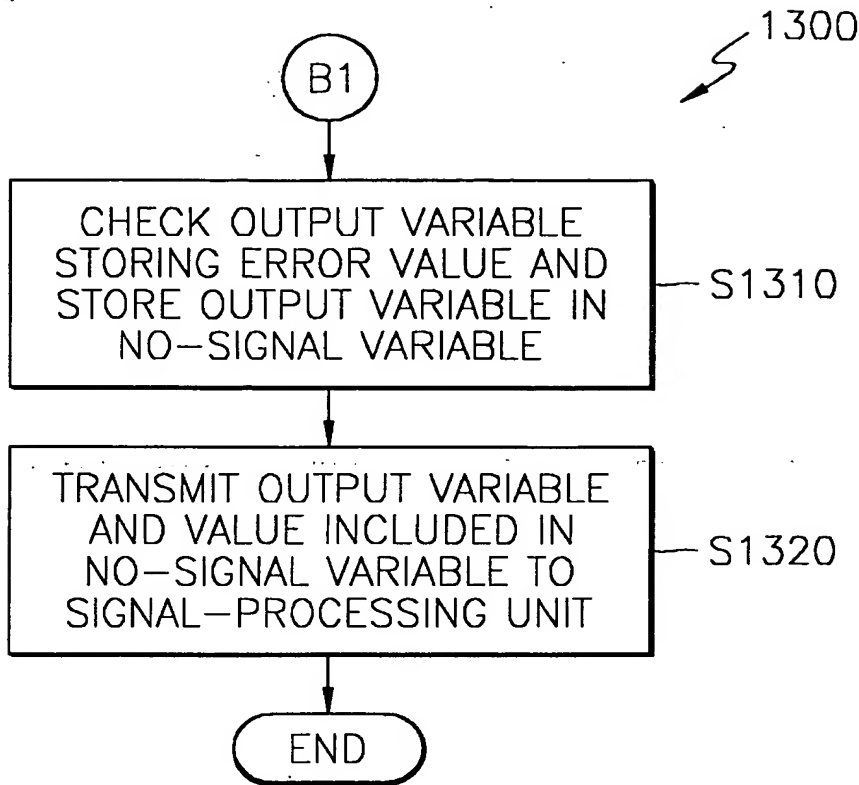


FIG. 14

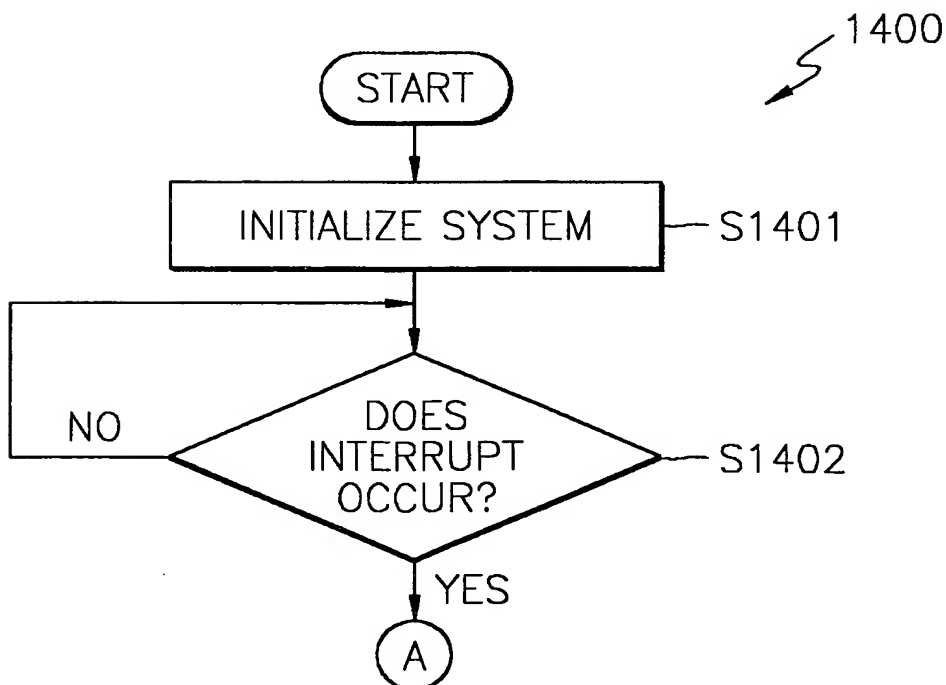
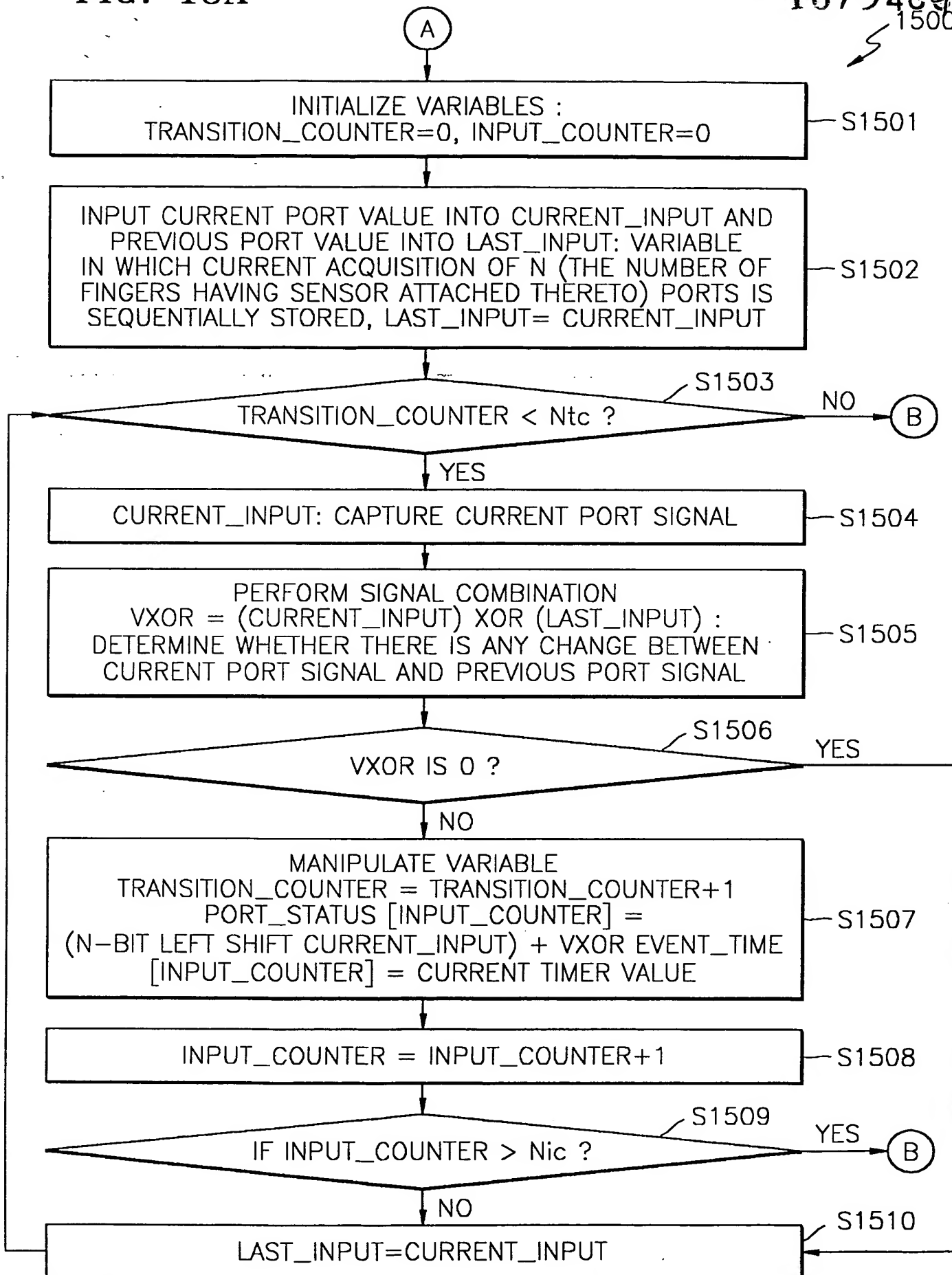


FIG. 15A

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1500

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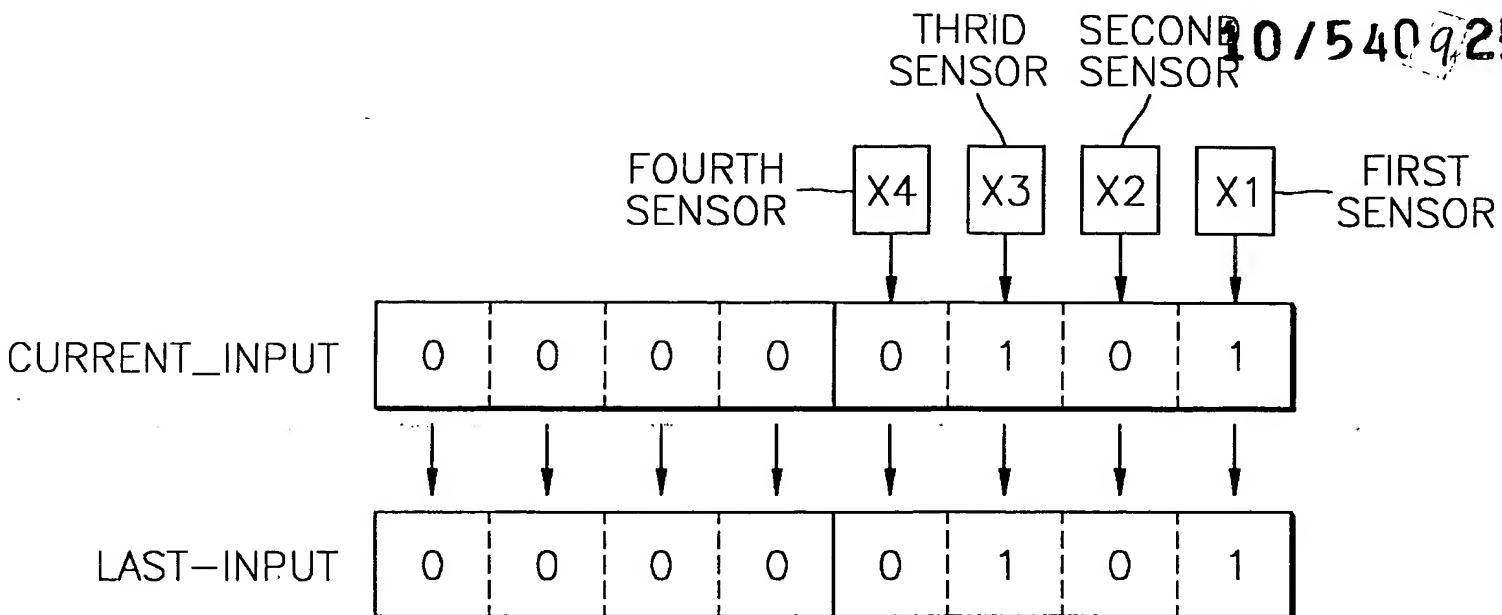


FIG. 15C

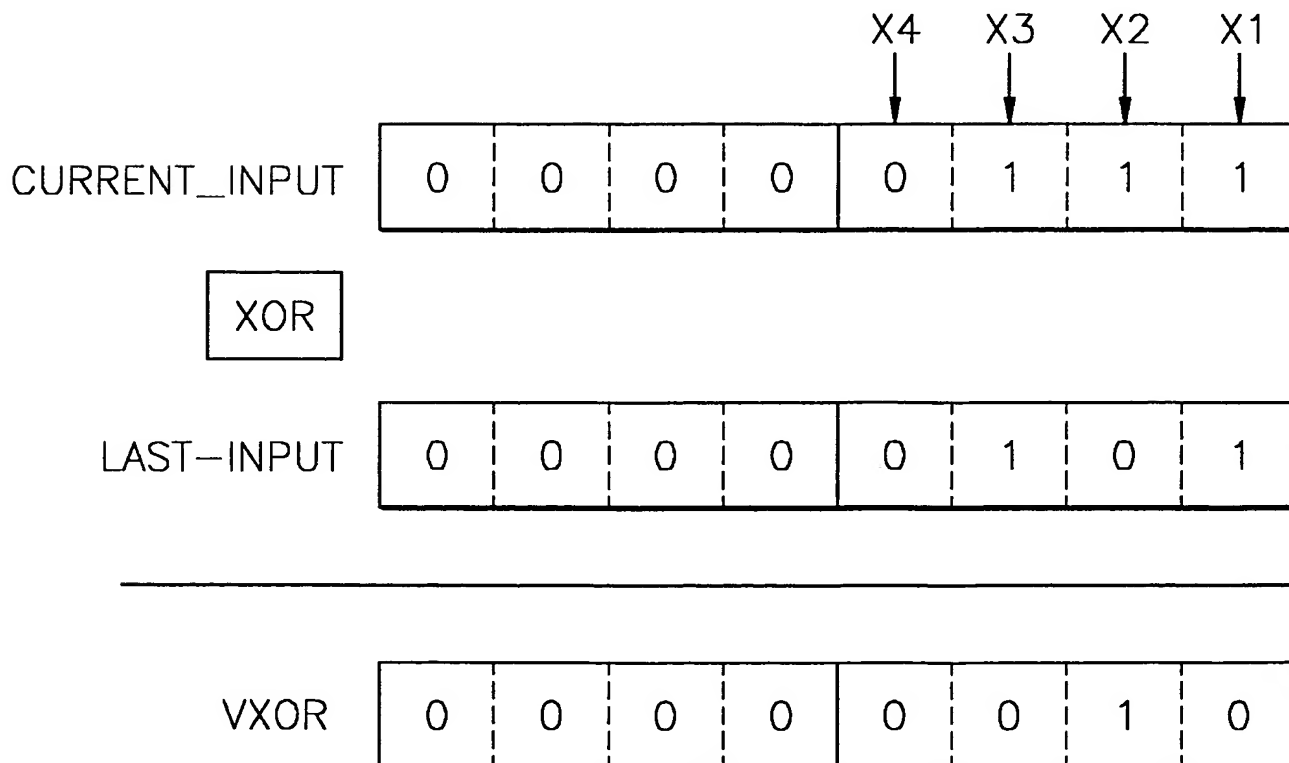
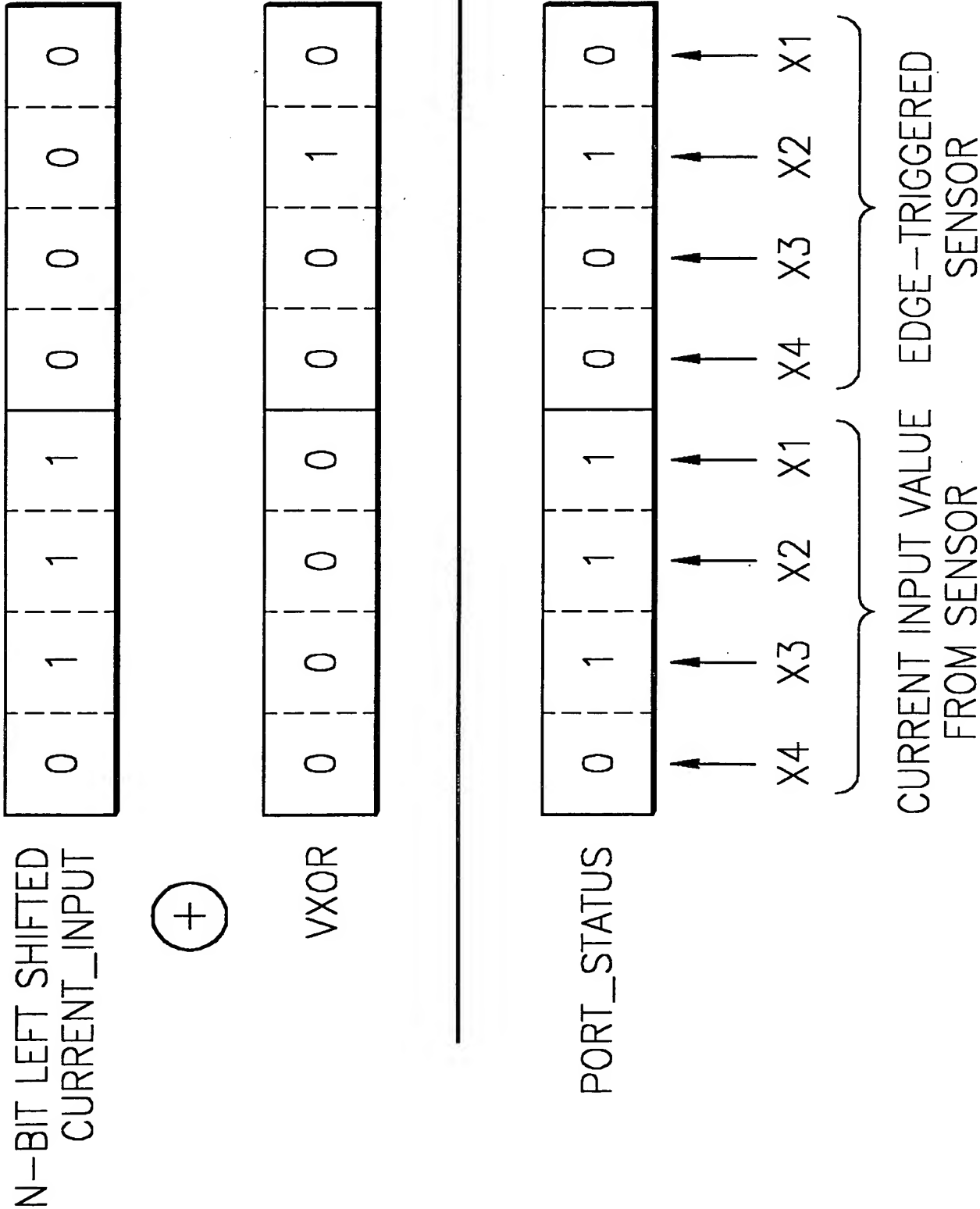


FIG. 15D



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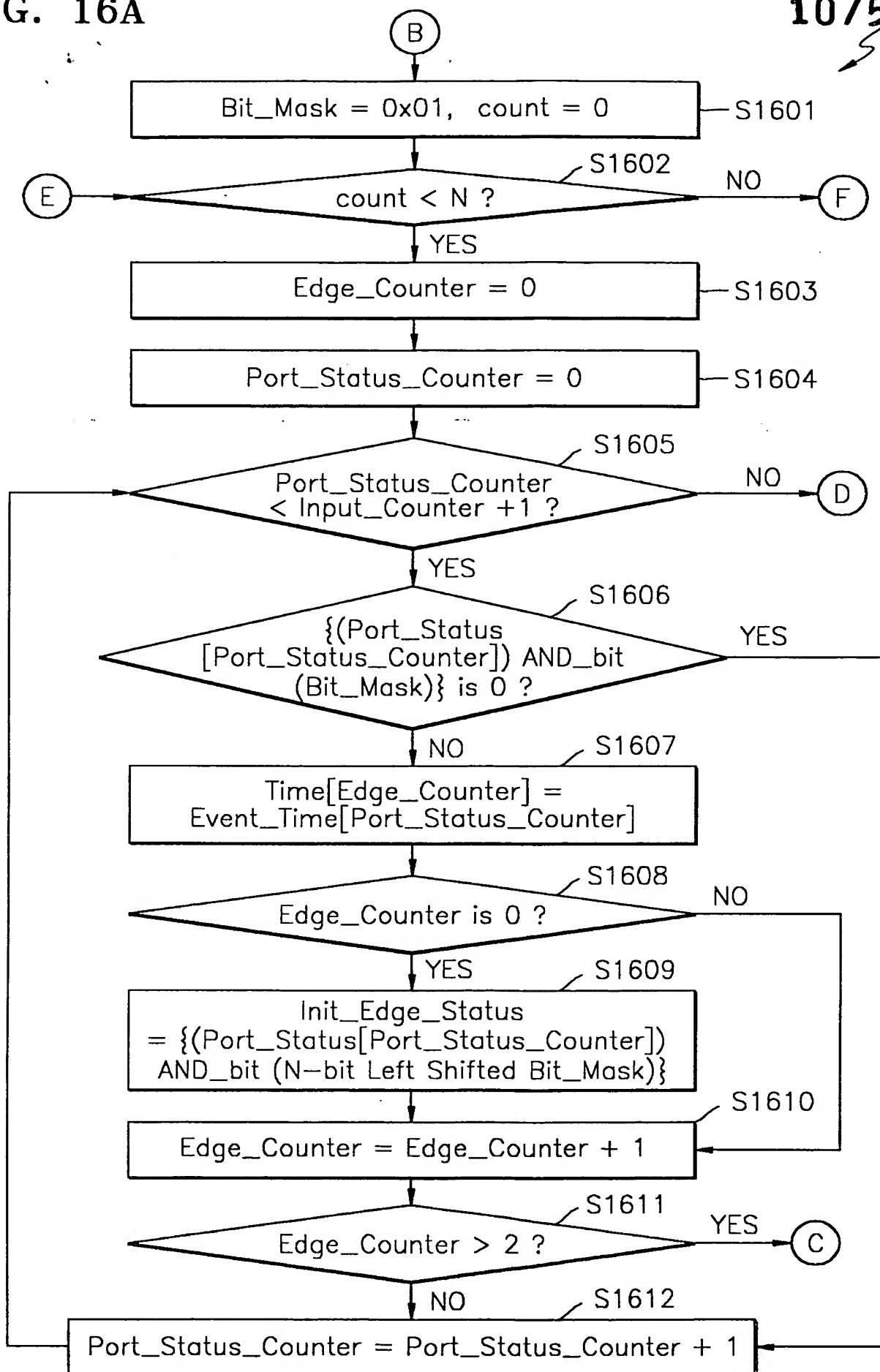
FIG. 15E

INPUT COUNTER	CURRENT_ INPUT	LAST_INPUT	VXOR	TRANSITION_ COUNTER	PORT_STATUS[ ]	EVENT_TIME[ ]
0	0000 0101	0000 0101	0000 0000	1	0111 0010	10
1	0000 0111	0000 0111	0000 1000	2	1111 1000	50
2	0000 1111	0000 1111	0000 0001	3	1110 0001	130
3	0000 1010	0000 1110	0000 0010	4	1010 0100	160
4	0000 1000	0000 1010	0000 1000	5	1000 0010	170
5	0000 0000	0000 1000	0000 1000	6	0000 1000	210
6	0000 0001	0000 0000	0000 0001	7	0001 0001	280
7	0000 0101	0000 0001	0000 0100	8	0101 0100	300
8	0000 0111	0000 0101	0000 0010	9	0111 0010	320
9	0000 1111	0000 0111	0000 1000	10	1111 1000	360
10	0000 1110	0000 1111	0000 0001	11	1110 0001	430
11	0000 1010	0000 1110	0000 0100	12	1010 0100	450

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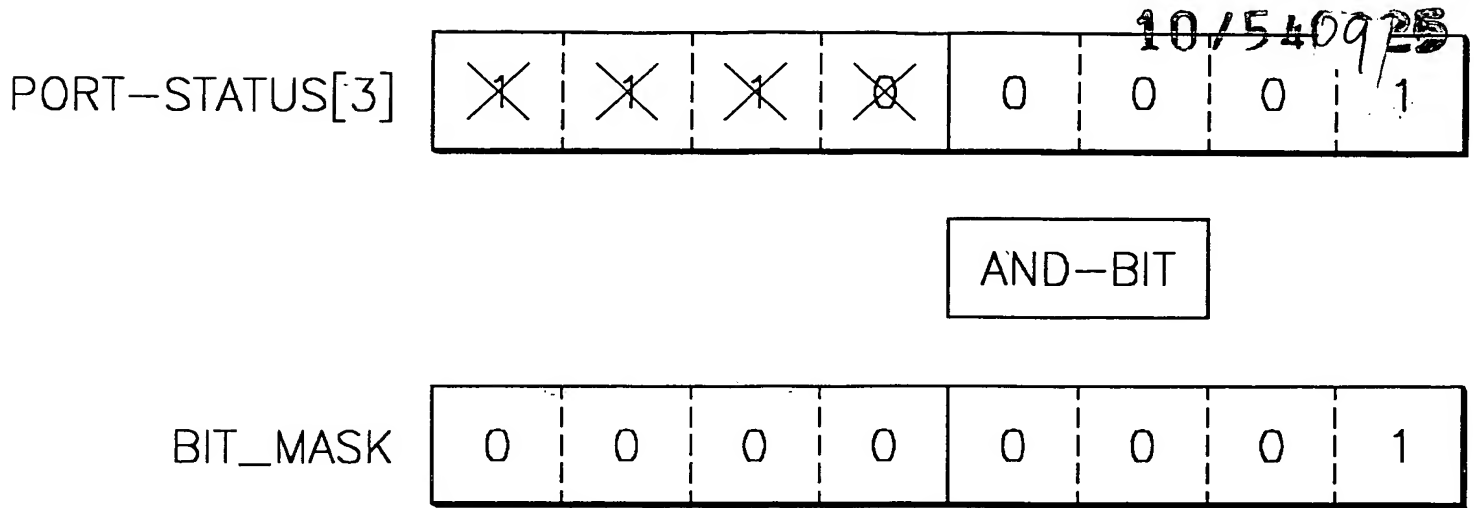
FIG. 16A

10/540,925

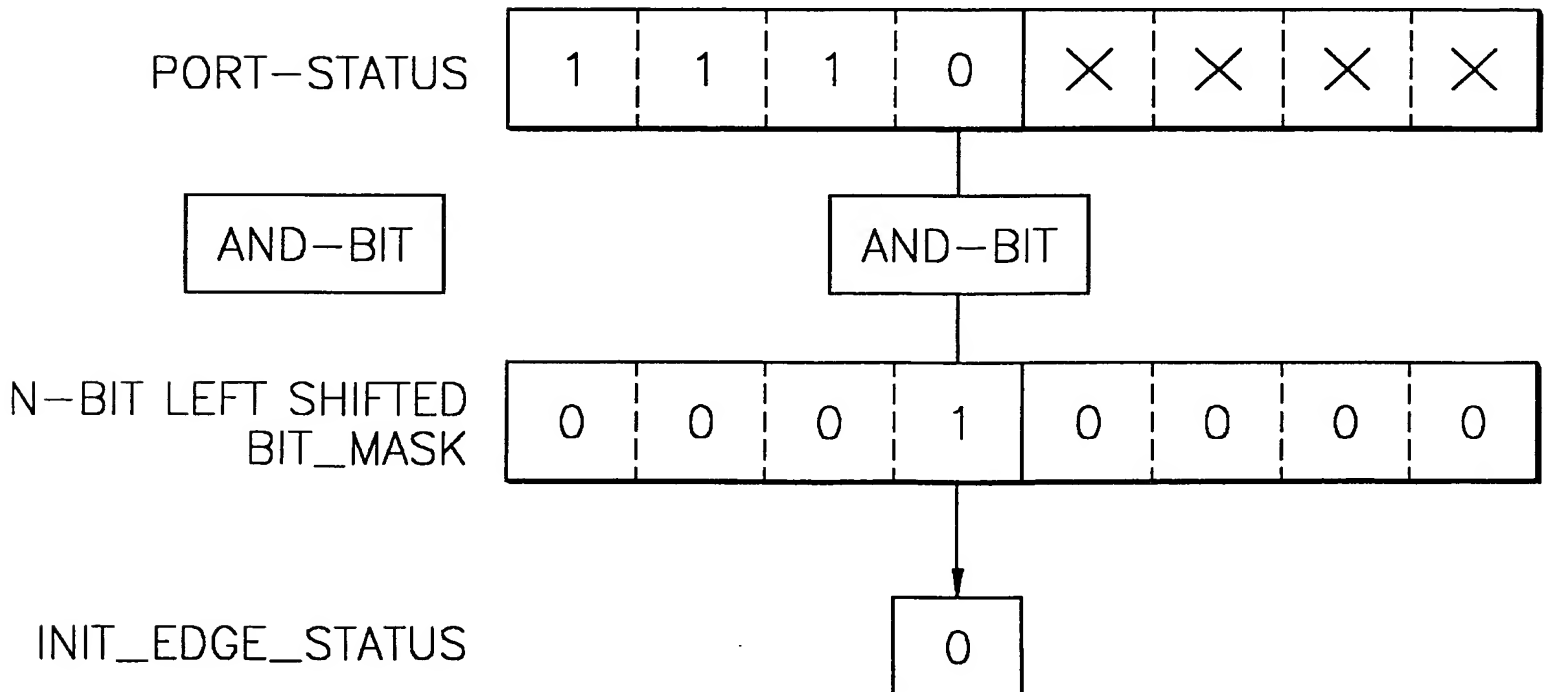


# FIG. 16B

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# FIG. 16C





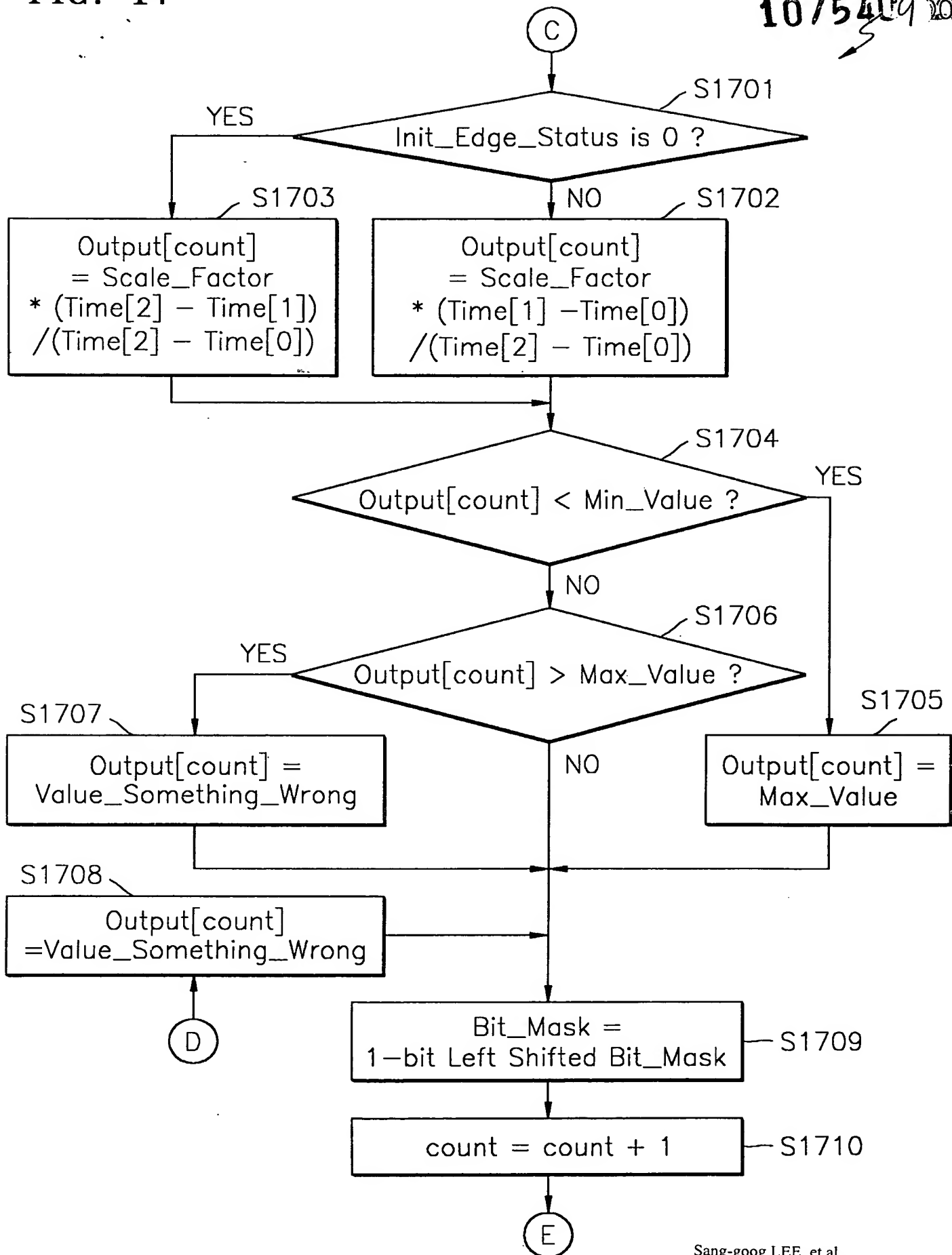
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FIG. 16D

	X1	X2	X3	X4
Init_Edge_Status	0	1	0	1
Time[0]	130	10	160	50
Time[1]	280	170	300	210
Time[2]	430	320	450	360

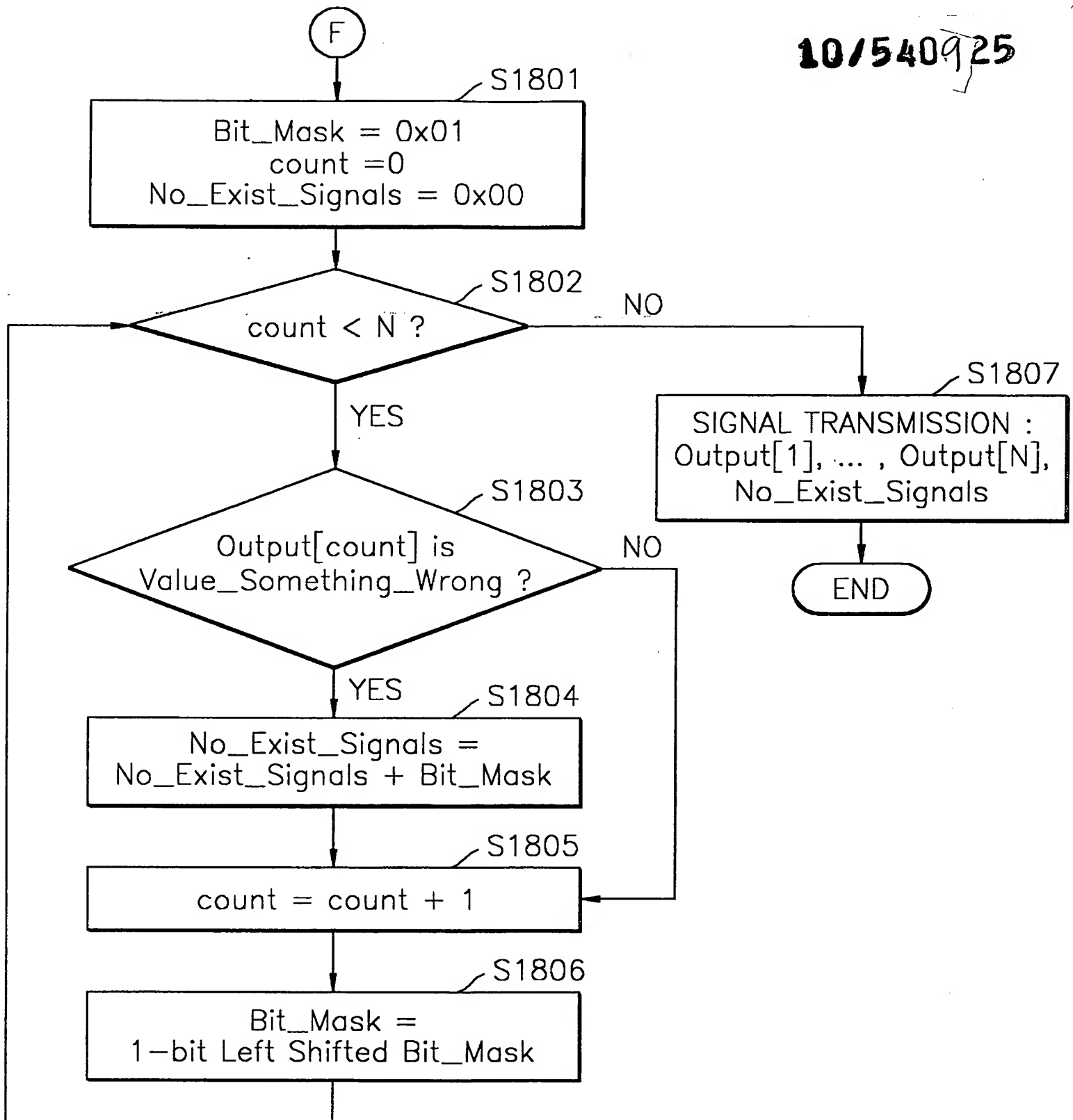
FIG. 17

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# FIG. 18A

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# FIG. 18B

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NO\_EXIST\_SIGNALS

0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---

+

BIT\_MASK

0	0	0	0	0	0	0	1
---	---	---	---	---	---	---	---

NO\_EXIST\_SIGNALS

0	0	0	0	0	0	0	1
---	---	---	---	---	---	---	---

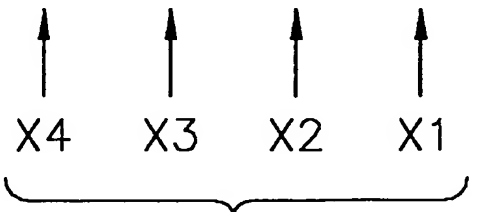
+

1-BIT LEFT SHIFTED  
BIT\_MASK

0	0	0	0	0	0	1	0
---	---	---	---	---	---	---	---

NO\_EXIST\_SIGNALS

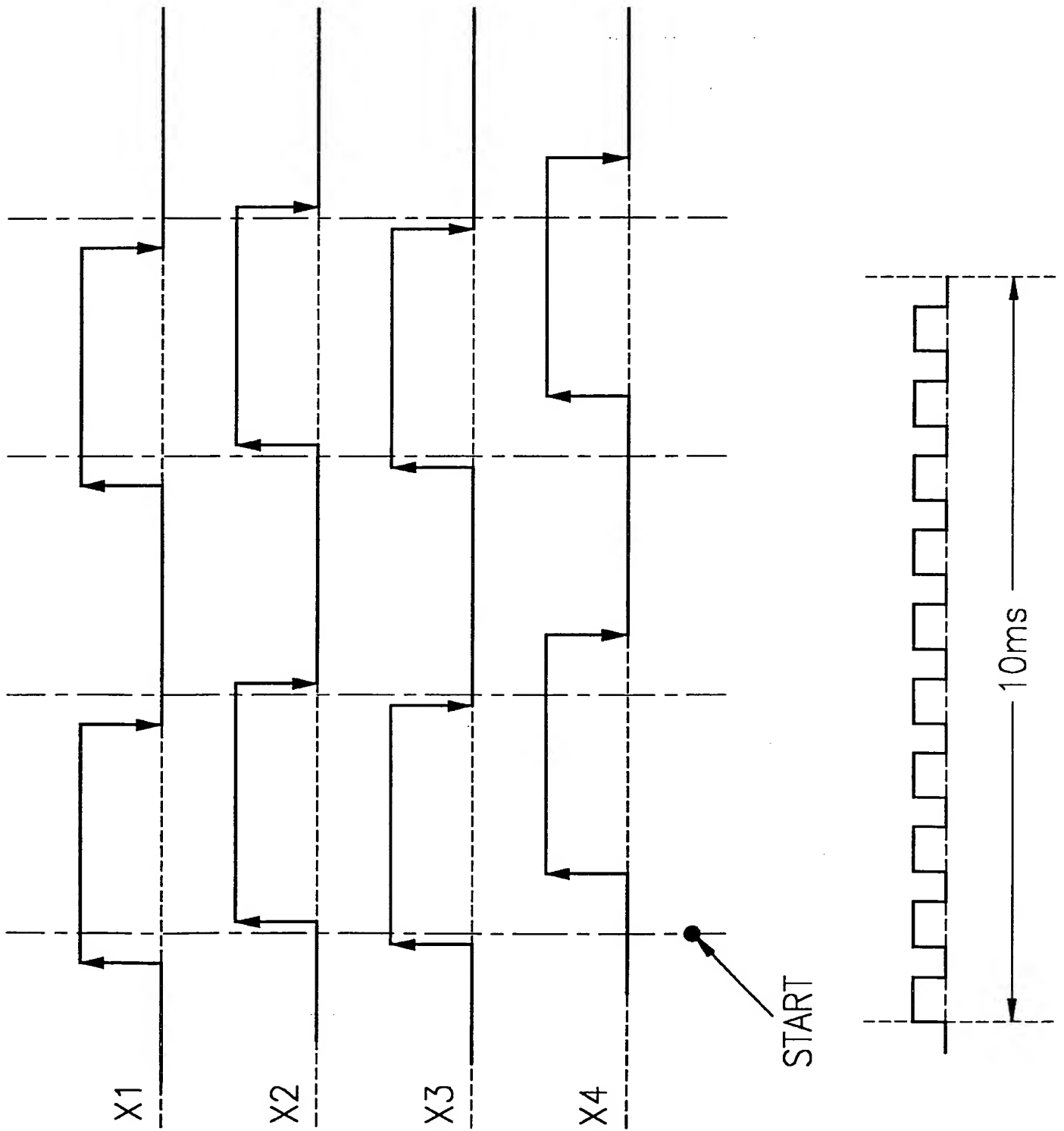
0	0	0	0	0	0	1	1
---	---	---	---	---	---	---	---



SENSOR OUTPUTTING  
ERROR VALUE

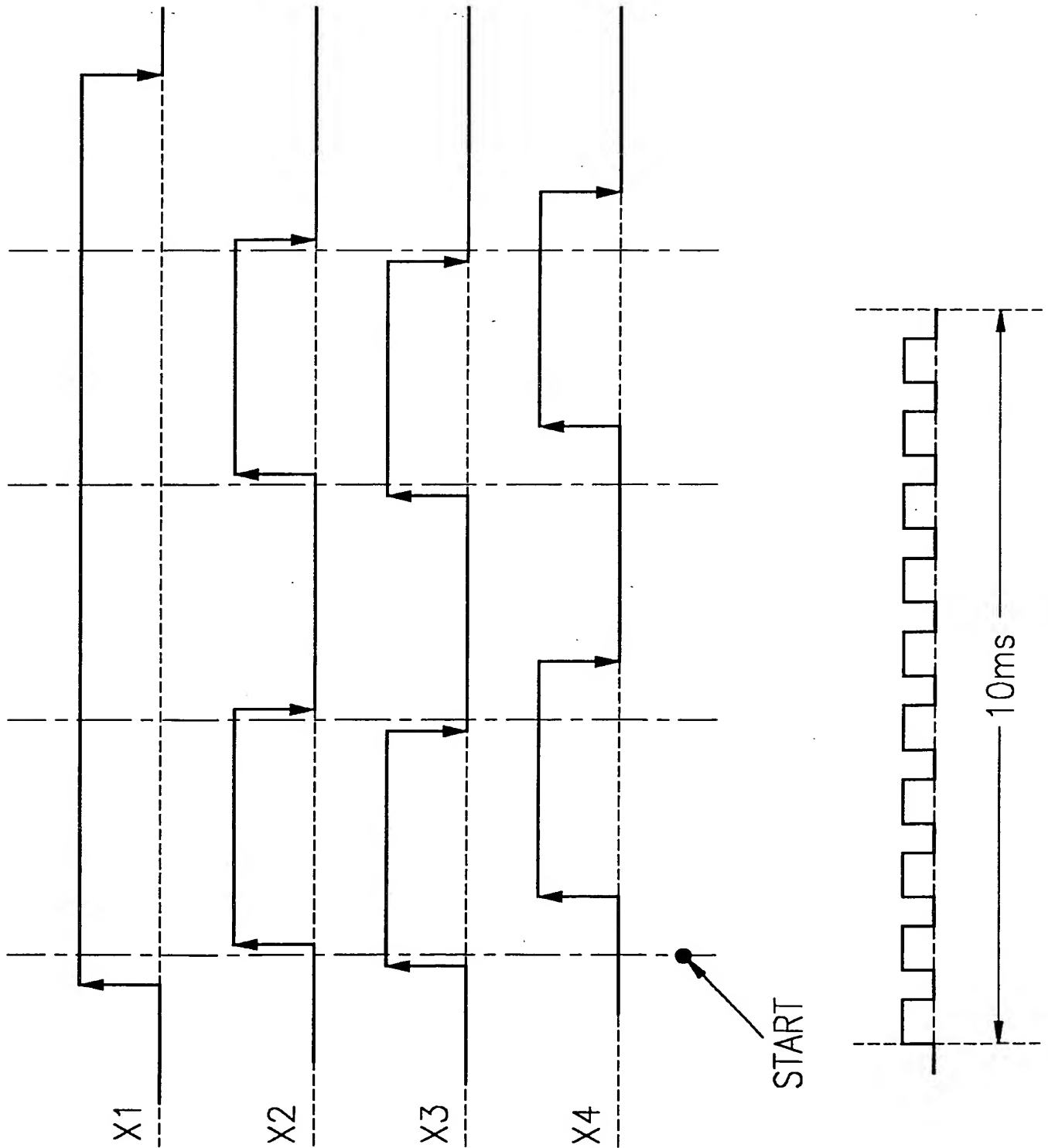
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FIG. 19



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FIG. 20



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